IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: U.S. Patent No. 7,782,987

USPTO CONFIRMATION CODE: 8194

APPLICATION NO.: 10/799,322

FILED: March 12, 2004

EXAMINER: David C. Payne

GROUP ART UNIT: 2611

FOR: METHOD AND APPARATUS FOR RECEIVED SIGNAL QUALITY ESTIMATION

37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION FOR USPTO AND/OR APPLICANT MISTAKE

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

SIR:

The following is a request for a certificate of correction in Serial Number 10/799,322, now Patent Number 7,782,987.

A certificate of correction under 35 USC 254 is respectfully requested in the above-identified patent.

All errors were the fault of the USPTO, no fee required. In the event that a further fee is required, please charge the amount to our Deposit Account No. 50-1379.

The exact locations where the errors appear in the patent and patent application are as follows:

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In Column 4, Line 30, delete "COIs" and insert - - CQIs - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED MARCH 12, 2004,
PAGE 7, PARAGRAPH [0016], LINE 7)

In Column 5, Line 38, delete "σ_2," and insert - - σ^2, - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED MARCH 12, 2004,
PAGE 9, PARAGRAPH [0022], LINE 4)

In Column 5, Line 39, delete "$E(|w_H n_{ISI} + w^H n|^2)$" and insert - - $E(|w^H n_{ISI} + w^H n|^2)$ - -,
therefor.
(ORIGINALLY FILED SPECIFICATION DATED MARCH 12, 2004,
PAGE 9, PARAGRAPH [0022], LINE 5)

In Column 9, Lines 41-43, in Equation (9), delete

$$\text{``} \sum_{f=1}^{F} \frac{\left| N_p^{-1} \sum_{n=1}^{N_P} p_n^* y_f(n) \right|^2 - N_p^{-1}(R_{f,f}^{ISI} + \sigma^2)}{u R_{f,f}^{ISI} + \sigma^2} \cdot \text{''} \quad \text{and}$$

$$\text{insert - -} \sum_{f=1}^{\hat{F}} \frac{\left| N_p^{-1} \sum_{n=1}^{N_P} p_n^* y_f(n) \right|^2 - N_p^{-1}(R_{f,f}^{ISI} + \sigma^2)}{u R_{f,f}^{ISI} + \sigma^2} \cdot \quad \text{- -, therefor.}$$

(ORIGINALLY FILED SPECIFICATION DATED MARCH 12, 2004,
PAGE 15, PARAGRAPH [0042], LINE 9, EQUATION (9))

In Column 9, Line 64, delete "α_p" and insert - - a_p - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED MARCH 12, 2004,
PAGE 16, PARAGRAPH [0043], LINE 5)

In Column 14, Line 11, delete "α_p" and insert - - a_p - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED MARCH 12, 2004,
PAGE 22, LINE 2)

In Column 14, Line 22, in Equation (A1), delete "$E(c_{n1}^{(p1)} c_{n1}^{(p2)})=0$," and
insert - - $E(c_{n1}^{(p1)} c_{n2}^{(p2)})=0$, - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED MARCH 12, 2004, PAGE
22, PARAGRAPH [0061], LINE 3, EQUATION (A1))

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In Column 14, Lines 63-64, delete " $a_1 \sum_{l=1}^{L} h_l^{prop} \varphi(\tau - \tau_1)$ " and

insert - - $a_1 \sum_{l=1}^{L} h_l^{prop} \varphi(\tau - \tau_l)$ - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED MARCH 12, 2004,
PAGE 23, LINE 3)

In Column 15, Lines 15-16, in Equation (A3), delete " $a_1 \sum_{l=1}^{L} h_l^{prop} \varphi(\tau - \tau_1).$ "

and insert - - $a_1 \sum_{l=1}^{L} h_l^{prop} \varphi(\tau - \tau_l).$ - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED MARCH 12, 2004,
PAGE 23, PARAGRAPH [0064], LINE 2, EQUATION (A3))

In Column 18, Line 2, in Claim 15, delete "inter-Symbol" and
insert - - inter-symbol - -, therefor.
(APPEAL BRIEF FILED DATED APRIL 15, 2009, PAGE 29 (PAGE 168 OF
FW), CLAIM 15, LINE 5)

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The requested corrections are attached on Form PTO 1050.

Respectfully Submitted

, 2010
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DATE

/SIDNEY L. WEATHERFORD,Reg#45602/
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